

AMENDMENTS TO THE CLAIMS

1. (Amended) A gas segregator barrier for electrical switching apparatus including a housing having at least one exhaust vent opening for discharging ionized gases which are developed in response to an electrical fault, said gas segregator barrier comprising:

- a plurality of at least substantially parallel segregator fins;
- a transverse dividing member structured to divide said substantially parallel segregator fins into a first portion and a second portion;
- a plurality of exhaust channels formed between said substantially parallel segregator fins of said first portion;
- a plurality of gas ducts disposed between said substantially parallel segregator fins of said second portion; and
- a plurality of baffles in said dividing member structured to quench said discharged ionized gases and to provide fluid communication between the exhaust channels of said first portion and the gas ducts of said second portion; and

wherein said electrical switching apparatus is a pair of spaced-apart circuit breakers, each of said spaced-apart circuit breakers having a plurality of poles, with each of said poles of one of said spaced-apart circuit breakers having a corresponding opposing one of said poles on the other one of said spaced-apart circuit breakers; wherein said at least one exhaust vent opening is a plurality of exhaust vent openings, with each of said exhaust vent openings for a corresponding one of said poles; and wherein said gas segregator barrier is structured for disposition between said pair of spaced-apart circuit breakers, with each of said exhaust channels being proximate a pair of said exhaust vent openings for a corresponding pair of the opposing poles of said spaced-apart circuit breakers.

Claims 2 – 8 (Cancelled)

Claims 9 – 18 (Previously Cancelled)